

CONSOLE MANAGEMENT CONTROLLER KIT

Quick Installation Guide for Rack-Mounted Console Management Controller

*Open Guide Completely Before
Beginning Installation Procedures*



Printed on recycled paper

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COMPAQ CONSOLE MANAGEMENT CONTROLLER KIT

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218260-021

About This Device

This guide serves as an outline to assist qualified personnel with the installation of the Compaq Console Management Controller (CMC).

The input voltage for this CMC is 100VAC to 240VAC, 50/60 Hz. This CMC includes the following features:

- Mounts in a 1U configuration.
- Provides monitoring and environmental control for single or multiple rack suites.

This CMC is used with certified information technology equipment.

Regulatory Compliance Information

All regulatory certifications for this product was obtained under the following agency series number. The corresponding part model number is shown.

- 203039-B21 (part number) / EO3009 (agency series number)



Important Safety Information Read Before Installing Product

Please refer to the *Important Safety Information* (guide included with the CMC kit) before installing this product.



WARNING: There is a risk of personal injury from electrical shock and hazardous energy levels. The installation of options and routine maintenance and service of this product must be performed by individuals who are knowledgeable about the procedures, precautions, and hazards associated with AC power products.

IMPORTANT: Only use the power cords supplied with your CMC. If the CMC does not include a power cord that is suitable for your application, contact an authorized Compaq service representative to obtain the appropriate power cord. See the "Precautions for Power Products" section of the Important Safety Information (guide included with the CMC kit.)

IMPORTANT SAFETY INSTRUCTIONS

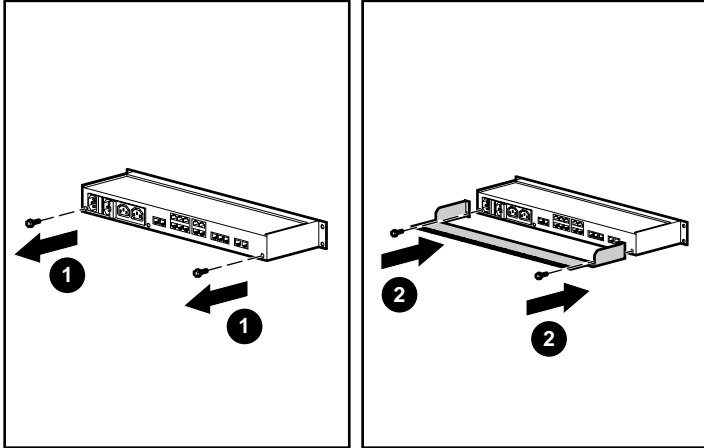
SAVE THESE INSTRUCTIONS - This Quick Installation Guide contains important instructions for the rack-mounted CMC that should be followed during installation.

Kit Contents

- Console Management Controller
- Input power cord (country specific)
- Voltage monitor cord/fan input cord (country specific)
- Jumper power cords (3) for two fan assemblies and main input power via UPS (IEC 320 to IEC 320)
- Temperature sensor
- Intrusion sensors (2)
- Network cable (RJ-45 to RJ-45)
- Serial communication cable (RJ-11 to DB9)
- RJ-12 to pigtails (2) for relay output connectors on rear of unit
- Tie wraps and cord management clips
- Mounting hardware
 - Screws
 - Cage nuts
 - Double sided tape
- Cord retention bracket
- Package of sensor cables

1 Installing the Cord Retention Bracket

Remove screws ❶ from rear of unit. Align cord retention bracket with screw holes and then insert screws ❷ to attach bracket to the rear of the unit.

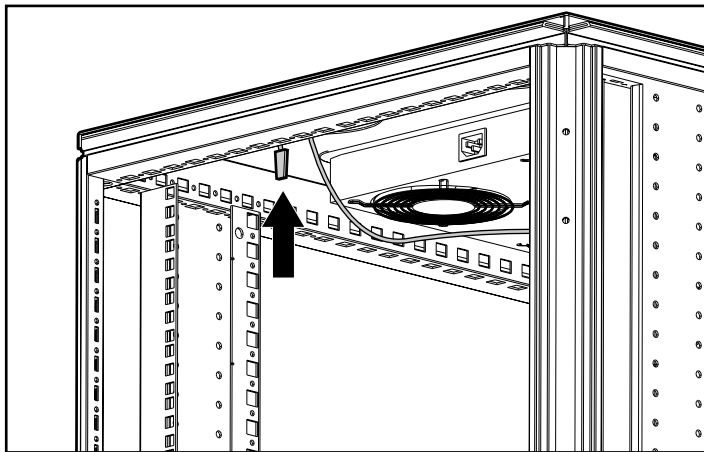


2 Installing the Sensors

The sensor cables may be routed through the rack and then attached to the rack by using the stick-on cable management clips or tie wraps.

Temperature Sensor

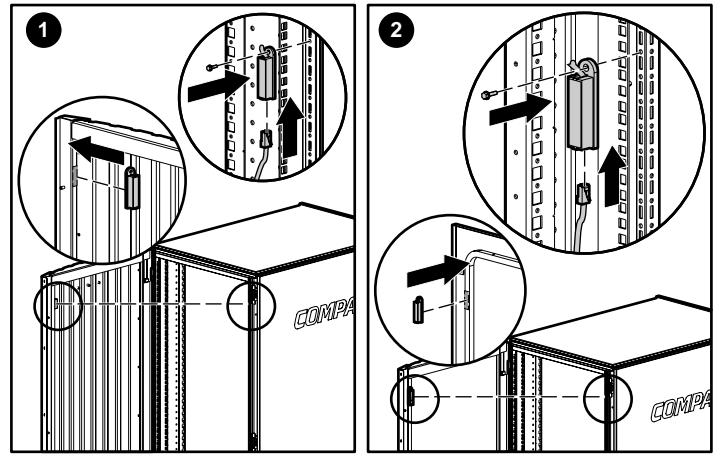
The temperature sensor can be installed on the ceiling of the rack, towards the rear, or near the most temperature-sensitive component in the rack.



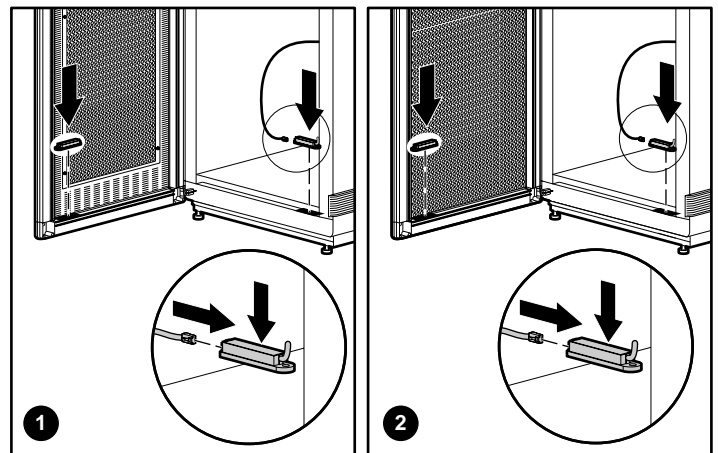
Intrusion Sensor

An intrusion sensor consists of two parts: a magnet and an electrical switch. The magnet should be installed on the inside of the rack door and the electrical switch on the rack as shown below. Make sure the magnet and switch align; allow sufficient clearance for the doors to close. The intrusion sensors should be installed on the front door ❶ of the rack, as well as the rear door ❷.

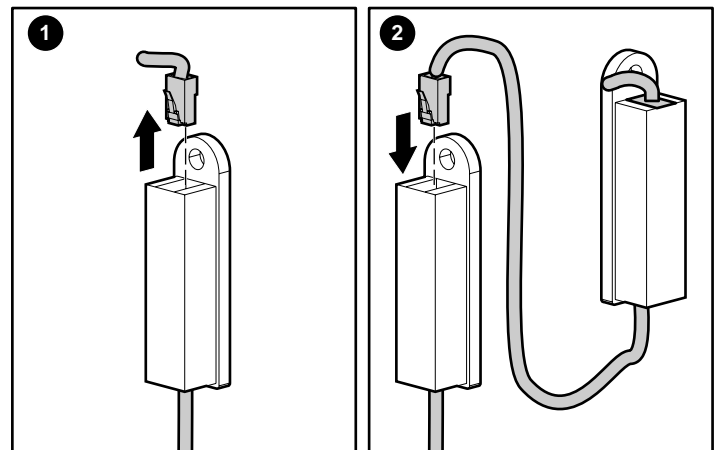
9000 series rack



7000 series rack

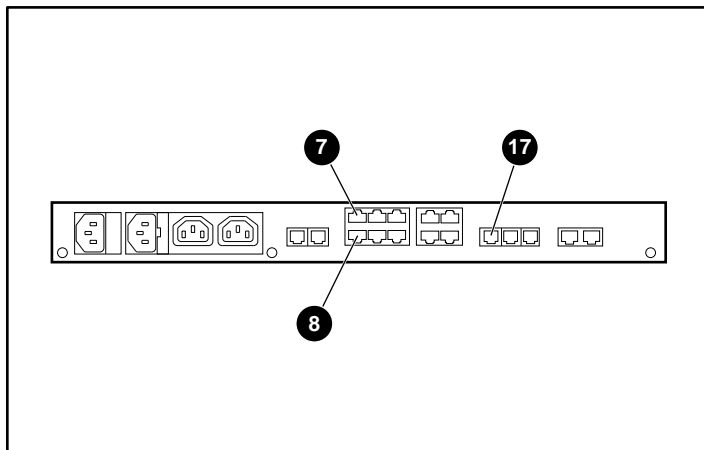


The intrusion sensor is delivered with a terminating plug in the upper connector. The terminating plug must be connected as shown. To connect multiple intrusion sensors, the terminating plug ❶ must be removed and the plug from the next intrusion sensor in line ❷ connected in its place.



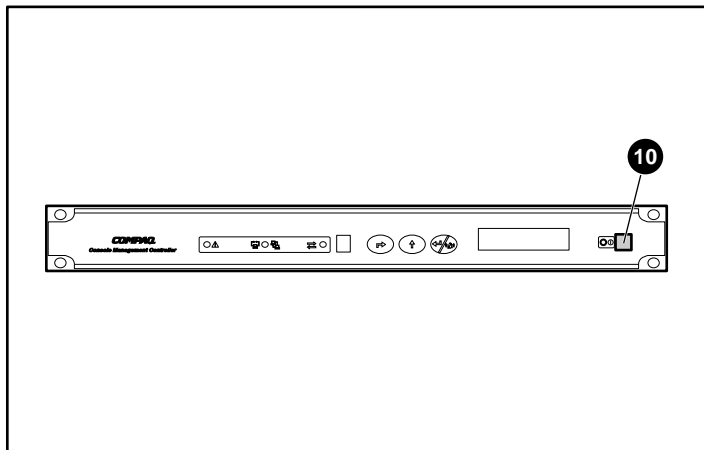
3 Connecting Sensors to the CMC

The sensors connect to the rear of the CMC unit as shown below. The temperature sensor connects into port ⑩ and the intrusion sensors connect into ports ⑦ & ⑧.

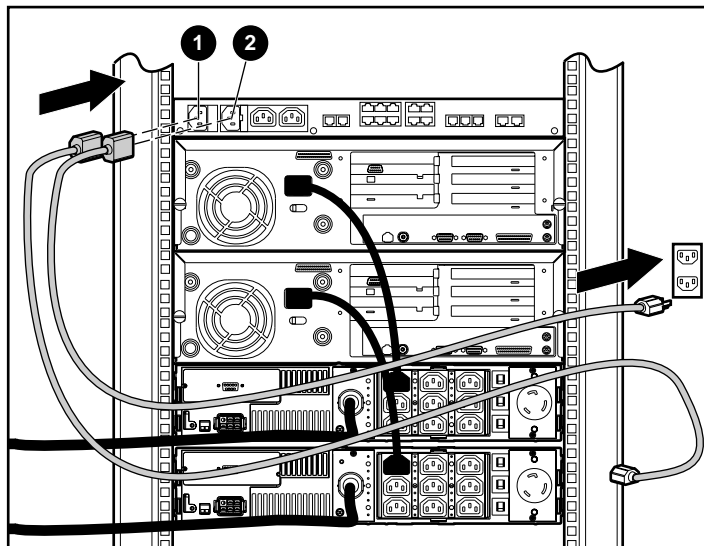


4 Connecting Input Power Cords

Make sure the Power button ⑩ is in the Off position before connecting the input power cord to the rear of the unit.

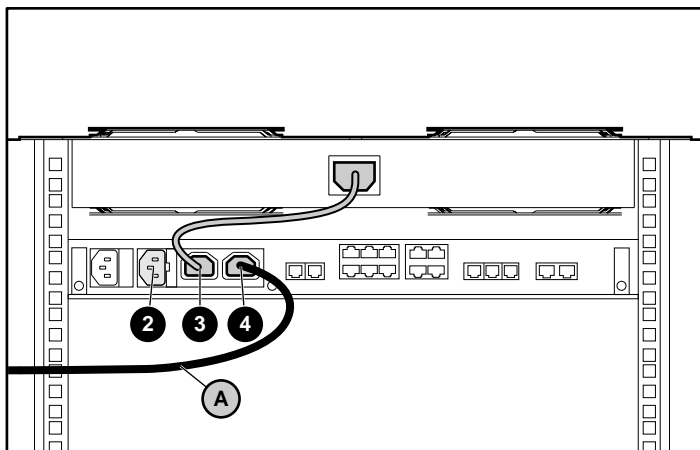


Connect the main input power cord to the rear of the unit in socket ①. If a UPS will be used for main power, connect the power jumper cord to the unit in socket ②. Connect the fan input power/voltage monitor cord to the rear of the unit in socket ③.



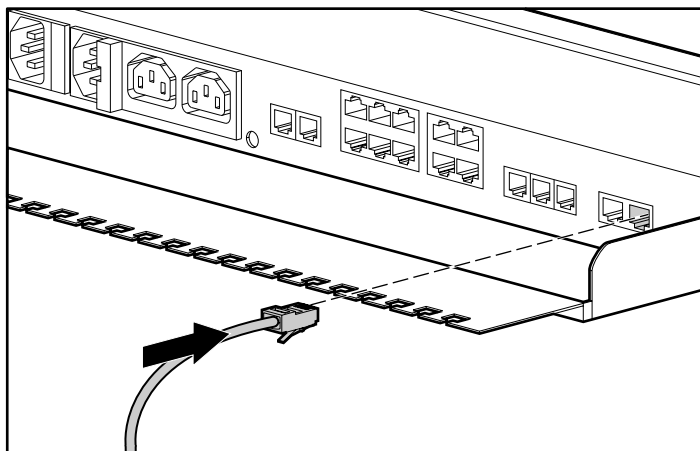
5 Connecting Fan Assemblies

The fan assemblies should be connected to the fan power output sockets ③ & ④. The input voltage monitor/fan power input ② should be connected to AC power, not the UPS. The cable ⑤ is connecting the fan assemblies in the second rack.



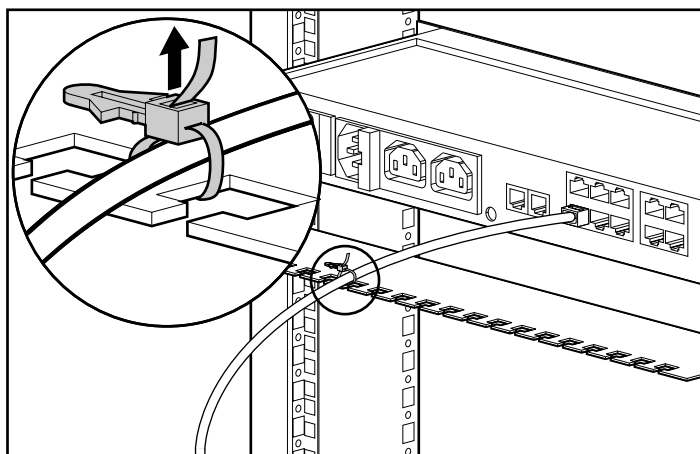
6 Connecting the network cable

The network cable is connected to the rear of the unit via the RJ-45 socket..



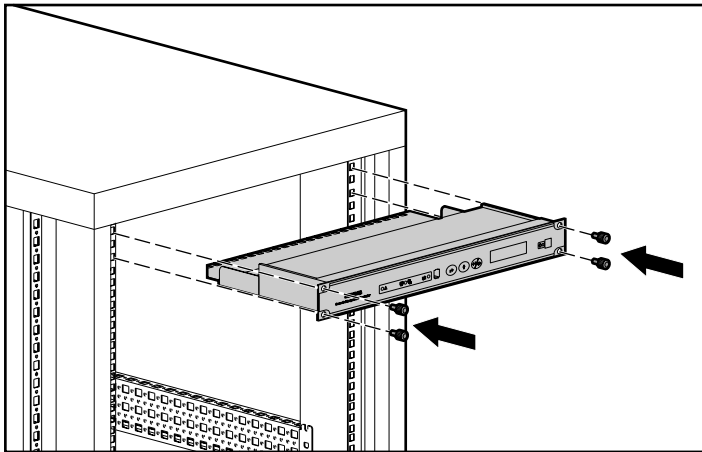
7 Securing the Cables

Use the tie wraps (included with the CMC kit) to secure the cables to the cord retention bracket.



8 Mounting the CMC in the Rack

The CMC mounts directly to the rack in a 1U configuration. Use two screws on each side to secure the unit to the rack.



9 Connecting to AC Power

Plug the main power input cord ❶ into the UPS (recommended) or into an AC power outlet. Plug the input voltage monitor/fan power input ❷ into an AC power outlet.

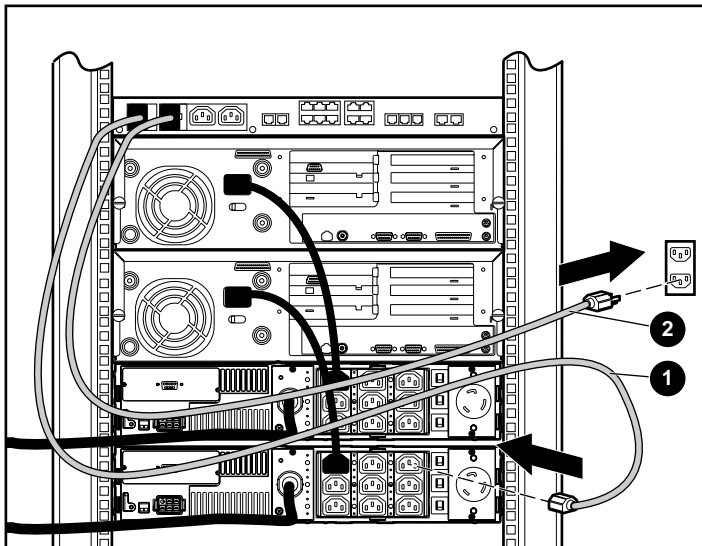


WARNING: To reduce the risk of electric shock or damage to the equipment, take these precautions:

- Plug the input line cord into a grounded (earthed) electrical outlet that is installed near the equipment and is easily accessible.
- Do not disable the grounding plug on the input line cord. The grounding plug is an important safety feature.
- Do not use extension cords.

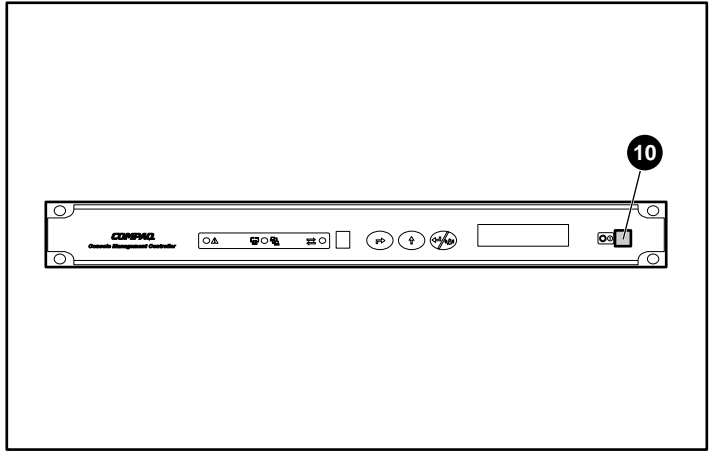


WARNING: Power grounds for the main AC input and the voltage monitor input are tied common within the CMC.



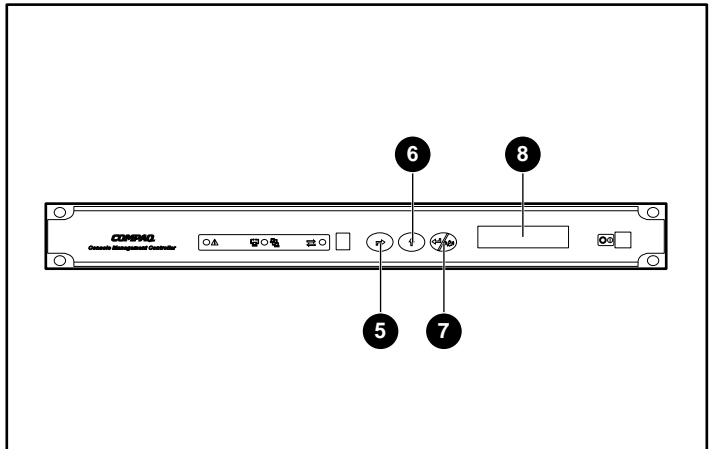
10 Powering on the CMC

Power the unit On by pressing the Power button ❶.



11 Setting the Configuration

Use the front panel for basic configuration of the unit. The CMC is fully localized to allow for complete functionality of the front panel in multiple languages.



Selecting the Language

Use the CMC front panel controls to select the appropriate language.

To select the language:

1. Press the Scroll Up ❸ key to select the appropriate language.
2. Press the Enter ❷ key to save the language selection.

Setting the IP Address

Use the CMC front panel controls to set the CMC IP address.

To set the IP address:

Use the Scroll Up ❸ key and the Enter ❷ key to set the IP address.

Setting the Subnet Mask

Use the CMC front panel controls to set the Subnet Mask.

To set the Subnet Mask:

Use the Scroll Up ❸ key and the Enter ❷ key to set the Subnet Mask address. The default setting is 0.0.0.0.

- The CMC will automatically reboot.



WARNING: To reduce the risk of personal injury resulting from electric shock, do not remove the cover from the Console Management Controller. There are no field-serviceable or user-serviceable components.

Hardware Installation is Complete.